

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114-5801

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. General Information

1. Report Time Period: From (mo./yr.) **1/99** To (mo./yr.) **12/99**
2. DOGM File Number (Mine No.): **M/035/015**
3. Mine Name: **North Impoundment**
4. Mineral(s) Mined (or permitted to mine): **Copper and associated metals.**
5. Type of mine: ☒ Surface Mine or ☐ Underground Mine
6. Legal Description, (Location of Lands Affected):

T1N, R2W, Sec. 31 S1/2 S1/2 & Sec. 32 S1/2 SW1/4;
T1N, R3W, Sec. 35 S1/2 S1/2 & Sec. 36 S1/2 S1/2;
T1S, R2W, Sec. 4 SW1/4 SW1/4 SW1/4, Sec. 5, Sec. 6, Sec. 7 N1/2
N1/2, Sec. 8 N1/2 N1/2, Sec. 8 eastern border, Sec. 9 W1/2 W1/2,
& Sec. 17 E1/2;
T1S, R3W, Sec. 1, Sec. 2, Sec. 3 E1/2, Sec. 10, Sec. 11 N1/2 and SW1/4,
Sec. 12 N1/2 NE1/4 and Sec. 15 N1/2

Salt Lake Base Meridian, Salt Lake County, Utah

7. Name of Operator or Company: **Kennecott Utah Copper Corporation**
8. Permanent Street Address: **P. O. Box 6001**
City, State, Zip: **8315 W. 3595 South**
Magna, UT 84044
Phone: **(801) 252-3257**
Fax: **(801) 252-3125**

9. Company Representative (or designated operator):

Name: Paula Doughty
Title: Manager, Environmental Compliance
Business Address: P.O. Box 6001
City, State, Zip: Magna, UT 84044
Phone: (801) 252-3257
Fax: (801) 252-3125

___ Please check if any of the above information has changed since previous year.

II. Mining and Reclamation

1. Was the mine active during the past year? Yes X No ___

2. In no - when was the last year of activity? NA

3. If yes - how much ore or mineral was mined?

64.4 million short tons

4. Briefly describe the type of work performed, volume of material moved, and any new or additional surface disturbances that occurred during the past year.

Construction of the new tailings impoundment continued in 1999 as it received tailings material. All disturbance has been inside the area initially disturbed by construction, so no additional acres were disturbed in 1999.

5. How much **additional** acreage was disturbed during the past year?

All work occurred within the ultimate footprint of the impoundment which was disturbed in previous years.

6. How much acreage was **reclaimed** during the past year.

36 acres along the perimeter dike were reclaimed in 1999.

7. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.

36 acres on the perimeter dike were hydroseeded.

8. What is the **total** disturbed acreage of the entire project at years end? 3674 acres

9. Briefly summarize any mining and/or reclamation plans for the upcoming year.

Approximately 50 acres on the perimeter dike and the first embankment lift will be hydroseeded in 2000.

NOTE: Section III., "Additional Information" applies only to **large mining operations.**

III. Additional Information

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted.

No new maps are attached because there have been no significant changes since the previous maps were submitted in 1998.

2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be submitted.

NA

IV. Signature Requirement

I hereby certify that the foregoing is true and correct.

Name (Typed or Print): Paula Doughty

Title of Operator: Manager, Environmental Compliance

Signature of Operator: Paula Doughty

Date: 1/28/00

Kennecott Utah Copper Corporation
8315 West 3595 South
P.O. Box 6001
Magna, Utah 84044-6001
Tel: (801) 252-3257
Fax: (801) 252-3125

Paula H. Doughty
Manager, Environmental Compliance

m/035/015

Kennecott

January 31, 2000

Mr. Wayne Hedberg, Permit Supervisor
Minerals Reclamation Program
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED

JAN 31 2000

DIVISION OF
OIL, GAS AND MINING

RE: Annual Reports for 1999, Kennecott Utah Copper Corporation

Dear Mr. Hedberg:

Enclosed are the completed annual report forms for the following DOGM permits:

M/035/002	Bingham Pit and UCD Modernization,
M/035/011	4th Line/Copperton Concentrator,
M/035/015	North Impoundment,
M/045/004	Pine Canyon Reclamation Project.

As in last year's reports, all disturbed and reclaimed acreage on the existing tailings impoundment is reported under permit number M/035/002.

In addition to the reclamation activities documented in the attached reports, the following work was conducted by KUCC in the Oquirrh Mountains outside of the DOGM jurisdictional boundaries:

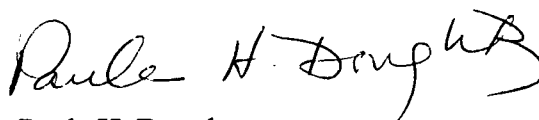
Refinery Area – 14 acres at Pond C – contaminated sludge removal, soil placement, recontouring

Smelter Area – 6 acres at Hazelton – contaminated soil removal recontouring

In 1999 KUCC spent more than 700,000 dollars on reclamation activities within the boundaries of permit #M/035/002. These costs included purchases of seed, fertilizer, mycorrhizae and seedlings, biosolids application and other surface preparation, seed application and planting. Excluded from these costs are such activities as contaminated soil removals, major recontouring efforts and soil emplacement that were paid for by individual construction and remediation projects. After correcting for inflation, this equates to more than \$250,000 spent in 1978 dollars. This is well in excess of the \$50,000 annual expenditure required by permit #M/035/002.

If you have any questions about these annual reports, please contact Rich Borden at 569-6208.

Sincerely,

A handwritten signature in cursive script, reading "Paula H. Doughty". The signature is written in dark ink and is positioned above the printed name and title.

Paula H. Doughty
Manager, Environmental Compliance

Enclosures